Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1. (Currently Amended) A liquid crystal display apparatus comprising:
- a plurality of pixels arranged in rows and columns, each for providing luminance corresponding to a display voltage;
- a plurality of first gate lines provided corresponding to respective said rows of said plurality of pixels;
- a plurality of second gate lines provided corresponding to respective said rows of said plurality of pixels;
- a plurality of data lines provided corresponding to respective said columns of said plurality of pixels;
- a gate drive circuit for driving each of said plurality of first and second gate lines to a voltage that is different between a select state in which corresponding one of said rows is selected for a scanning target in accordance with a prescribed scanning cycle and a non-select state except for said select state; and
- a source drive circuit for driving said plurality of data lines to said display voltage that corresponds to the pixels included in the row selected for said scanning target;

said plurality of pixels each including

a liquid crystal element having a pixel electrode and a common electrode for providing luminance that corresponds to a voltage difference between said pixel electrode and said common electrode,

a first field-effect transistor electrically connected between corresponding one of said data lines and a first node, and having its gate electrically connected to corresponding one of said first gate lines, and

a second field-effect transistor electrically connected between said first node and said pixel electrode, and having its gate electrically connected to corresponding one of said second gate lines;

said gate drive circuit setting each voltage of said first and second gate lines in said select state to a first voltage that can turn-on each of said first and second field-effect transistors, while setting a voltage of said first gate line in said non-select state to a second voltage that can turn-off said first field-effect transistor as well as setting a voltage of said second gate line in said non-select state to a third voltage that is intermediate between a maximum value and a minimum value of said display voltage, wherein

said third voltage is substantially at a constant level.

- 2. (Original) The liquid crystal display apparatus according to claim 1, said common electrode being supplied with a prescribed DC voltage, and said third voltage being substantially at a same level as said prescribed DC voltage.
- 3. (Original) The liquid crystal display apparatus according to claim 1, said common electrode being supplied with an AC voltage that is set to one of fourth and fifth voltages in a constant cycle, and

said third voltage being substantially at a same level as an average of said fourth and fifth voltage.

- 4. (Original) The liquid crystal display apparatus according to claim 1,
 said gate drive circuit including
 a plurality of drive units provided corresponding to said rows, respectively;
 said plurality of drive units each including
- a first driver for driving corresponding one of said first gate lines with one of said first and second voltages in response to a select signal that indicates whether said corresponding one of said rows is selected for said scanning target, and
- a second driver for driving corresponding one of said second gate lines with one of said first and third voltages in response to said select signal.
- 5. (Original) The liquid crystal display apparatus according to claim 1, said gate drive circuit setting said second gate line in the non-select state to said third voltage in a normal mode, and setting to a sixth voltage in a test mode, and
- a difference between said first and sixth voltages being larger than a difference between said first and third voltages.
 - 6. (Original) The liquid crystal display apparatus according to claim 5, said sixth voltage being substantially at a same level as said second voltage.
- 7. (Original) The liquid crystal display apparatus according to claim 1, said first and second field-effect transistors being formed with an N-type thin film transistor, and

said first voltage being higher than said second voltage.

8. (Original) The liquid crystal display apparatus according to claim 1,

said first and second field-effect transistors being formed with a P-type thin film transistor, and

said first voltage being lower than said second voltage.

- 9. (Currently Amended) A liquid crystal display apparatus comprising:
- a pixel for providing luminance corresponding to a display voltage; and
- a data line for transmitting said display voltage supplied to said pixel;

said pixel including

- a liquid crystal display element having a pixel electrode and a common electrode for providing luminance corresponding to a voltage difference between said pixel electrode and said common electrode.
- a first field-effect transistor electrically connected between said data line and a first node, and
- a second field-effect transistor electrically connected between said first node and said pixel electrode;

the liquid crystal display apparatus further comprising

a gate drive circuit for driving each gate voltage of said first and second field-effect transistors to a voltage that is different between a select state in which said pixel is selected for a scanning target in accordance with a prescribed scanning cycle and a non-select state except for said select state;

10/613,212

said gate drive circuit in said select state setting each said gate voltage to a first voltage that can turn-on each of said first and second field-effect transistors, while setting a gate voltage of said first field-effect transistor in said non-select state to a second voltage that can turn-off said first field-effect transistor as well as setting a voltage of said second field-effect transistor in said non-select state to a third voltage that is intermediate between a maximum value and a

said third voltage is substantially at a constant level.

minimum value of said display voltage, wherein

- 10. (Cancelled)
- 11. (Cancelled)